



PATENT  
38-21(52249)

### THE CLAIMS

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Cancelled)
10. (Cancelled)
11. (Amended) A method of detecting the presence of ~~a genomic/transgene DNA~~  
~~corresponding to the PV-GHGT07(1445)~~ cotton event in a sample comprising  
cotton DNA, the method comprising:
  - (a) contacting the sample ~~comprising cotton DNA~~ with a polynucleotide  
probe that ~~hybridizes under stringent hybridization conditions with DNA from~~  
~~cotton event PV-GHGT07(1445) and does not hybridize under the stringent~~  
~~hybridization conditions with a non PV-GHGT07(1445) cotton plant DNA~~ having  
the sequence of SEQ ID NO:5 or SEQ ID NO:6;
  - (b) subjecting the sample and said probe to stringent hybridization conditions;  
and
  - (c) detecting hybridization of the probe to the DNA.

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12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)